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CITY OF MOUNTAIN VIEW

MOUNTAIN VIEW, CALIFORNIA



file

DEPARTMENT

M E M O R A N D U M

Sept. 6, 1957

TO: A. M. McKinnon, Director of Public Works

FROM: H. P. Anderson, Supt. Sewage Treatment Plant

SUBJECT: REPORT ON SEWAGE TREATMENT PLANT FOR MONTH OF AUGUST

GENERAL: During the month we used lime about one-third of the time. We tried going without it but the final effluent had too high a B.O.D.

The flow has been higher this month and we have had some trouble with the floc settling in the oxidator even with the addition of lime. The oxidator was designed for only one million gallon per day and we are now, of course, exceeding that. Again it points to the inevitable - that we will be needing more equipment sooner than we had originally estimated.

UNUSUAL ACTIVITIES: Work has started on raising the outfall tank and is proceeding according to plan.

We had a visit from Mr. Dierker of the Water Pollution Control Board. He wants us to take more extensive tests of the effluent from our plant and of the Mountain View Slough during a few days of this month. This will be taken care of.

We have had solvent coming down the sewer on three different occasions: on August 5, 22 and 23. This was traced at one time to cleaning solvent from the Fremont Laundry. On the other two times, we are not sure but one occasion the odor was more like a thinner than Stoddard Solvent. It is, of course, a source of danger to the plant and particularly to the possibility of explosions in the sewer.

PLANT DATA:

Total Flow Raw Sewage	48.19 mil. gal.
Average Flow per day	1.55 " "
Peak Flow	3.3 " "
Av. suspended solids in final effluent	76 ppm
Av. B.O.D. in final effluent	194 "
Reduction in suspended solids	54.6 %
Reduction in B.O.D.	39.5 %

H. P. Anderson

H. P. ANDERSON

po;CC: City Manager